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March 11, 2005

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Re: U.S. Patent Application No.: 10/786,881
For: 9-AMINOMETHYL SUBSTITUTED MINOCYCLINE COMPOUNDS
Inventors: Mark L. Nelson, *et al.*
Filed: February 24, 2004
Our Ref. No.: PAZ-222CN

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

1. Information Disclosure Statement;
2. PTO Form SB/08;
3. Copies of references cited in PTO Form SB/08 (37); and
4. A Return Postcard.

No additional costs are believed to be due in connection with the filing of this Information Disclosure Statement. However, please charge any necessary fees in connection with the enclosed statement to our Deposit Order Account No. 12-0080. For this purpose, a duplicate of this sheet is attached.

I hereby certify that this correspondence is deposited with the United States Postal Service as first class mail in an envelope addressed to:
MS Amendment, Commissioner for Patents, P.O. Box 1450,
Alexandria, Virginia 22313-1450 on:

March 11, 2005

Date

Cynthia M. Soroos, Esq., Registration No. 53,623

Respectfully submitted,
LAHIVE & COCKFIELD, LLP

Cynthia M. Soroos, Esq.
Registration No. 53,623
Attorney for Applicants



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Mark L. Nelson, *et al.*

Serial No.: 10/786,881

Filed: February 24, 2004

For: 9-AMINOMETHYL SUBSTITUTED
MINOCYCLINE COMPOUNDS

Attorney Docket No.: PAZ-222CN

Group Art Unit: 1614

Examiner: Not Yet Assigned

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

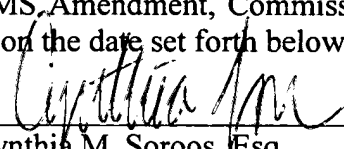
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March 11, 2005

Date of Signature and of Mail Deposit

By:


Cynthia M. Soroos, Esq.
Registration No. 53,623
Attorney for Applicants

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicants and their Attorney are aware of the following publications and information, listed on the attached PTO Form SB/08, and in accordance with 37 CFR §1.97 hereby submit these publications for the Examiner's consideration. A copy of each cited publication is enclosed. Copies of cited U.S. patents and U.S. publications (Reference ID Nos. A1-A42 and B1-B27) are not enclosed with this statement. Copies of foreign patent documents and non-patent literature (Reference ID Nos. B28-D3) are enclosed in accordance with 37 CFR 1.98.

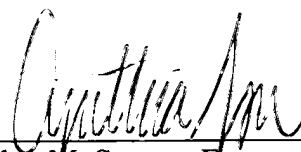
Applicants bring to the Examiner's attention the following co-pending patent applications:

Serial Number	First Named Inventor	Filing Date
09/660598	Mark L. Nelson	September 13, 2000
09/823844	Mark L. Nelson	March 30, 2001
09/895857	Mark L. Nelson	June 29, 2001
10/384855	Mark L. Nelson	March 10, 2003
10/391903	Mark L. Nelson	March 18, 2003
10/391923	Mark L. Nelson	March 18, 2003
10/412656	Mark L. Nelson	April 10, 2003
10/616531	Mark L. Nelson	July 9, 2003
10/737361	Mark L. Nelson	December 15, 2003
10/740961	Mark L. Nelson	December 18, 2003
10/765223	Mark L. Nelson	January 26, 2004
10/786710	Mark L. Nelson	February 24, 2004
10/839023	Mark L. Nelson	May 4, 2004
10/877454	Kwasi Ohemeng	June 25, 2004
10/877928	Mark L. Nelson	June 25, 2004
11/004559	Mark L. Nelson	December 3, 2004

This statement is not to be interpreted as a representation that the cited publications are material, that an exhaustive search has been conducted, or that no other relevant information exists. Nor shall the citation of any publication herein be construed *per se* as a representation that such publication is prior art. Moreover, Applicants understand that the Examiner will make an independent evaluation of the cited publications.

Under 37 CFR § 1.97(b)(3), no additional costs are believed to be due in connection with the filing of this disclosure. If, however, a first Office Action on the merits issues in this application bearing a mailing date prior to the date of this Information Disclosure Statement, please charge the appropriate fee as required under 37 CFR §1.17(p) to our Deposit Order Account No. 12-0080.

Respectfully submitted,
LAHIVE & COCKFIELD, LLP

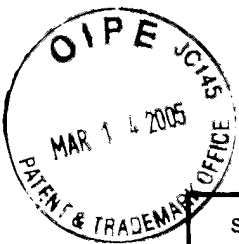


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Date: March 11, 2005

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Enclosures



Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/786,881
				Filing Date	February 24, 2004
				First Named Inventor	Mark L. Nelson
				Art Unit	1614
				Examiner Name	Not Yet Assigned
Sheet	1	of	4	Attorney Docket Number	PAZ-222CN

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A1	3,007,965	11-07-1961	Growich, J.A.	
	A2	3,226,436	12-28-1965	Petisi, J.P., et al.	
	A3	RE 26,253	08-15-1967	Petisi, J.P., et al.	
	A4	3,338,963	08-29-1967	Petisi, J.P., et al.	
	A5	3,341,585	09-12-1967	Bitha, P., et al.	
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	A7	3,345,379	10-03-1967	Martell, M.J., Jr., et al.	
	A8	3,345,410	10-03-1967	Winterbottom	
	A9	3,360,561	12-26-1967	Zambrano, R.T.	
	A10	3,373,193	03-12-1968	Schroeder, H.A., et al.	
	A11	3,397,230	08-13-1968	Winterbottom, et al.	
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	A13	3,483,251	12-09-1969	Zambrano, R.T.	
	A14	3,518,306	06-30-1970	Martell, M.J., Jr.	
	A15	3,579,579	05-18-1971	Hlavka, J.J., et al.	
	A16	3,901,942	08-26-1975	Bernardi, L., et al.	
	A17	4,018,889	04-19-1977	Armstrong, W.W.	
	A18	4,024,272	05-17-1977	Rogalski, W., et al.	
	A19	4,126,680	11-21-1978	Armstrong, W.W.	
	A20	5,248,797	09-28-1993	Sum, P-E	
	A21	5,281,628	01-25-1994	Hlavka, J.J., et al.	
	A22	5,284,963	02-08-1994	Sum, P-E, et al.	
	A23	5,326,759	07-05-1994	Hlavka, J.J., et al.	
	A24	5,328,902	07-12-1994	Sum, P-E, et al.	
	A25	5,371,076	12-06-1994	Lee, V.J., et al.	
	A26	5,380,888	01-10-1995	Sum, P-E, et al.	
	A27	5,386,041	01-31-1995	Sum, P-E, et al.	
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	A30	5,420,272	05-30-1995	Sum, P-E, et al.	
	A31	5,430,162	07-04-1995	Sum, P-E, et al.	
	A32	5,442,059	08-15-1995	Sum, et al.	
	A33	5,457,096	10-10-1995	Sum, et al.	
	A34	5,466,684	11-14-1995	Sum, P-E, et al.	
	A35	5,494,903	02-27-1996	Hlavka, J.J., et al.	
	A36	5,495,018	02-27-1996	Sum, P-E, et al.	
	A37	5,495,030	02-27-1996	Sum, P-E, et al.	
	A38	5,495,031	02-27-1996	Sum, P-E, et al.	
	A39	5,512,553	04-30-1996	Sum, P-E, et al.	
	A40	5,529,990	06-25-1996	Hlavka, J.J., et al.	
	A41	5,530,117	06-25-1996	Hlavka, J.J., et al.	
	A42	5,567,692	10-22-1996	Sum, P-E, et al.	

Examiner Signature		Date Considered	
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Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/786,881
				Filing Date	February 24, 2004
				First Named Inventor	Mark L. Nelson
				Art Unit	1614
				Examiner Name	Not Yet Assigned
Sheet	2	of	4	Attorney Docket Number	PAZ-222CN

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	B1	5,574,026	11-12-1996	Backer, <i>et al.</i>	
	B2	5,639,742	06-17-1997	Lee, V.J., <i>et al.</i>	
	B3	5,675,030	10-07-1997	Krishnam, L., <i>et al.</i>	
	B4	5,834,450	11-10-1998	Su, W.	
	B5	5,843,925	12-01-1998	Backer, <i>et al.</i>	
	B6	5,856,315	01-05-1999	Backer, <i>et al.</i>	
	B7	5,886,175	03-23-1999	Sum, P-E, <i>et al.</i>	
	B8	2002/0103171	08-01-2002	Nelson, M.L., <i>et al.</i>	
	B9	2002/0111335	08-15-2002	Nelson, M.L., <i>et al.</i>	
	B10	2002/0115644	08-22-2002	Levy, S.B., <i>et al.</i>	
	B11	2002/0193354	12-19-2002	Nelson, M.L., <i>et al.</i>	
	B12	6,500,812	12-31-2002	Nelson, M.L., <i>et al.</i>	
	B13	6,506,740	01-14-2003	Ashley, R.A., <i>et al.</i>	
	B14	2003/0100017	05-29-2003	Draper, M., <i>et al.</i>	
	B15	2003/0125348	07-03-2003	Nelson, M.L., <i>et al.</i>	
	B16	2003/0166585	09-09-2003	Draper, M., <i>et al.</i>	
	B17	6,617,318	09-09-2003	Nelson, M.L., <i>et al.</i>	
	B18	6,624,168	09-23-2003	Nelson, M.L., <i>et al.</i>	
	B19	6,642,270	11-04-2003	Nelson, M.L., <i>et al.</i>	
	B20	6,683,068	01-27-2004	Nelson, M.L., <i>et al.</i>	
	B21	2004/0033996	02-19-2004	Nelson, M.L., <i>et al.</i>	
	B22	2004/0048835	03-11-2004	Nelson, M.L., <i>et al.</i>	
	B23	2004/0138183	07-15-2004	Nelson, M.L., <i>et al.</i>	
	B24	2004/0157806	08-12-2004	Nelson, M.L., <i>et al.</i>	
	B25	2004/0176334	09-09-2004	Nelson, M.L., <i>et al.</i>	
	B26	2004/0192657	09-30-2004	Garcia-Luzón, C., <i>et al.</i>	
	B27	6,818,634	11-16-2004	Nelson, M.L., <i>et al.</i>	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	B28	GB 921252	03-20-1963	Erba Carlo SPA		
	B29	GB 955766	04-22-1964	Ciba Ltd.		
	B30	EP 535346 B1	04-07-1993	American Cyanamid Co.		
	B31	EP 536515 B1	04-14-1993	American Cyanamid Co.		
	B32	EP 582788 A1	02-16-1994	American Cyanamid Co.		
	B33	EP 582789 A1	02-16-1994	American Cyanamid Co.		
	B34	EP 582790 B1	02-16-1994	American Cyanamid Co.		
	B35	EP 582810 B1	02-16-1994	American Cyanamid Co.		
	B36	EP 582829 A1	02-16-1994	American Cyanamid Co.		
	B37	EP 618190 A1	10-05-1994	American Cyanamid Co.		

Examiner Signature		Date Considered	
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				First Named Inventor	Mark L. Nelson
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Sheet	3	of	4	Attorney Docket Number	PAZ-222CN

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	C1	WO 95/22529 A1	08-24-1995	Pfizer		
	C2	WO 96/34852 A1	11-07-1996	Pfizer		
	C3	WO 00/28983 A1	05-25-2000	Collagenex Pharm Inc.		
	C4	WO 01/19784 A1	03-22-2001	Tufts University		
	C5	WO 01/74761 A1	10-11-2001	Tufts University		
	C6	WO 01/87823 A1	11-22-2001	Collagenex Pharm Inc.		
	C7	WO 02/04406 A2,A3	01-17-2002	Tufts University		
	C8	WO 02/04407 A2,A3	01-17-2002	Tufts University		
	C9	WO 02/72022 A2	09-19-2002	Paratek Pharmaceuticals Inc.		
	C10	WO 02/72031 A2	09-19-2002	Paratek Pharmaceuticals Inc.		

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	C11	Baldini, M., et al. "Diazo derivatives of amino acids and peptides as possible antineoplastic chemotherapeutic agents. 1. General considerations and methods." <i>Boll Soc Ital Biol Sper.</i> 1960 Jun 30; 36:577-81.	
	C12	Branceni, D., et al. "Use of tetracycline for the demonstration of the phenomena of extra-osseous calcification." <i>C.R. Seances Soc Biol Fil.</i> 1961; 155:1469-72.	
	C13	Cope, et al. N,N-Dimethylcyclohexylmethylamine. <i>Org. Syn. Coll. Vol. 4.</i> 1963; 339-44.	
	C14	<i>Federal Register.</i> 1962; 27:3851.	
	C15	Garrod, L.P. "Recent developments in antibiotic therapy." <i>Recenti Prog Med.</i> 1962 Jan; 32:3-24.	
	C16	Genazzini, E., et al. <i>Atti. Soc. Ital. Sci. Vet.</i> 1964; 18:175-8.	
	C17	Good, W. "The inhibition of haemolysis by phloridzin." <i>Biochim Biophys Acta.</i> 1962 Jan 29; 56:359-61.	
	C18	Hajdu, P. <i>Arzneimittel-Forsch.</i> 1962; 12:206-7.	
	C19	Lucier, et al. N-Methylbutylamine. <i>Org. Syn. Coll. Vol. 5.</i> 1973; 736.	
	C20	Maniar, A., et al. "One of the factors influencing the action of antibiotics." <i>Ann Inst Pasteur (Paris).</i> 1961 Dec; 101:887-97.	
	C21	Martell, et al. <i>J. Med. Chem.</i> 1967; 10(3):359-63.	
	C22	Ritzerfeld, W., et al. "In vitro studies on 2 old and 2 new tetracycline preparations." <i>Arzneimittelforschung.</i> 1962 Jan; 12:30-2.	
	C23	Roe, et al. Fatty Acid Amides: I. Preparation of Amides of Oleic and the 9,10-Dihydroxystearic Acids. <i>J. Am. Chem. Soc.</i> 71. 1949; 2215-18.	
	C24	Spezial, et al. N,N-Diethyl-1,2,2-Trichlorovinylamine. <i>Org. Syn. Coll. Vol. 5.</i> 1973; 387.	

Examiner Signature		Date Considered	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/786,881
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Sheet	4	of	4	Attorney Docket Number	PAZ-222CN

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	D1	Stevens, <i>et al.</i> Studies on the Synthesis of Vitamin B ₁₂ . <i>J. Am. Chem. Soc.</i> 108. 1986; 1039-1049.	
	D2	Strel'nokov. Effect of Tetracyclines on the Heart in Experiments by the Data of Electrocardiograms. <i>Antibiotiki.</i> 1965; 10(7):650-6.	
	D3	van den Bogert, <i>et al.</i> "Doxycycline in combination chemotherapy of a rat leukemia." <i>Cancer Res.</i> 1988 Dec 1; 48(23):6686-90.	

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